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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/895,141

DATE: 01/23/2002

TIME: 19:14:52

Input Set : A:\Benzer1.app

Output Set: N:\CRF3\01232002\I895141.raw

**ENTERED**

3 <110> APPLICANT: Benzer, Seymour  
 4 Min, Kyung-Tai  
 6 <120> TITLE OF INVENTION: LIFE EXTENSION OF DROSOPHILA BY A DRUG TREATMENT  
 8 <130> FILE REFERENCE: 30431.3US01  
 10 <140> CURRENT APPLICATION NUMBER: 09/895141  
 11 <141> CURRENT FILING DATE: 2001-06-29  
 13 <150> PRIOR APPLICATION NUMBER: 60/215401  
 14 <151> PRIOR FILING DATE: 2000-06-29  
 16 <160> NUMBER OF SEQ ID NOS: 54  
 18 <170> SOFTWARE: PatentIn Ver. 2.1  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 26  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Artificial Sequence  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: Description of Artificial Sequence: 3'RT-PCR  
 27 Primer Sequence for Superoxide Dismutase  
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 38 <220> FEATURE:  
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 43 tgatctgaag aaggccatcg agtcgc 26  
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 48 <212> TYPE: DNA  
 49 <213> ORGANISM: Artificial Sequence  
 51 <220> FEATURE:  
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 53 Primer Sequence for Cytochrome P450-4d1  
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 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Artificial Sequence  
 64 <220> FEATURE:  
 65 <223> OTHER INFORMATION: Description of Artificial Sequence: 3'RT-PCR

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78 <223> OTHER INFORMATION: Description of Artificial Sequence: 5'RT-PCR
79      Primer Sequence for Glutathion S-Transferase
81 <400> SEQUENCE: 5
82 cagtgtacat cgcgagtttc acaac                25
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 26
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: 3'RT-PCR
92      Primer Sequence for Glutathion S-Transferase
94 <400> SEQUENCE: 6
95 tccaggaagg tggtcaggaa ctcgaa                26
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99 <211> LENGTH: 25
100 <212> TYPE: DNA
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103 <220> FEATURE:
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131      Primer Sequence for HSP60
133 <400> SEQUENCE: 9
134 aggcaaatat cagtcaacat gatgcgca                28
137 <210> SEQ ID NO: 10

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155 <220> FEATURE:
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164 <211> LENGTH: 30
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168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: 3'RT-PCR
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185 <400> SEQUENCE: 13
186 acattgtcgt gatcggacac gtcga                      25
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205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:

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208 <223> OTHER INFORMATION: Description of Artificial Sequence: 5'RT-PCR
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231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: 5'RT-PCR
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236     polymerase II transcription factor
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247 <220> FEATURE:
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250     polymerase II transcription factor
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253 cggtatcatg tgatgctggg cactta                26
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266 aaagcacagc caacacccaa agcagcaaa            29
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271 <212> TYPE: DNA
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291 <400> SEQUENCE: 21
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295 <210> SEQ ID NO: 22
296 <211> LENGTH: 27
297 <212> TYPE: DNA
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300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: 3'RT-PCR
302     Primer Sequence for Epididymal secretory protein
304 <400> SEQUENCE: 22
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309 <211> LENGTH: 25
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315     Primer Sequence for Mitochondrial phosphate
316     carrier protein
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323 <211> LENGTH: 26
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
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329     Primer Sequence for Mitochondrial phosphate
330     carrier protein
332 <400> SEQUENCE: 24
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338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of Artificial Sequence: 5'RT-PCR
343     Primer Sequence for Imaginal disc growth factor 1
345 <400> SEQUENCE: 25
346 tttggccagt gcaaagtcca cggaagt      27

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VERIFICATION SUMMARY

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